What is claimed is:

1   1.   In a virtual local area network (VLAN), a method of handling emergency
2   voice over internet protocol (VoIP) calls comprising the steps of:
3   a VoIP device reserving a range of specific port numbers for use during
4   emergencies;
5   transmitting an emergency call within the VLAN using a port number in said
6   range; and
7   the VoIP device reserving extra resources for handling the call once it
8   determines the port number falls within said range.

1   2.   The method of claim 1 wherein said step of reserving a range of specific
2   port numbers reserves port numbers greater than 20,000.

1   3.   The method of claim 1 wherein said step of reserving a range of specific
2   port numbers further includes the step of increasing the priority value of said call.

1   4.   The method of claim 1 wherein said step of reserving a range of specific
2   port numbers further includes the step of increasing the priority value of said call to
3   seven.

1   5.   The method of claim 1 wherein the step of reserving extra resources is
2   followed by the step of transmitting the call to a 911 operator.

1   6.   The method of claim 1 wherein the step of reserving extra resources is
2   followed by the step of transmitting the call to a fire department.

1   7.   The method of claim 1 wherein the step of reserving extra resources is
2   followed by the step of transmitting the call to an ambulance.

1 8. The method of claim 1 wherein the step of reserving extra resources is

2 followed by the step of transmitting the call to a police department.

1 9. In a virtual local area network (VLAN), a module of handling emergency

2 voice over internet protocol (VoIP) calls comprising:

3   means for reserving a range of specific port numbers for use during

4 emergencies;

5   means for transmitting an emergency call within the VLAN using a port

6 number in said range; and

7   means for reserving extra resources for handling the call once it determines

8 the port number falls within said range.

1 10. The module of claim 9 wherein said means for reserving a range of

2 specific port numbers reserves port numbers greater than 20,000.

1 11. The module of claim 9 wherein said means for reserving a range of

2 specific port numbers further comprises means for increasing the priority value of

3 said call.

1 12. The module of claim 9 wherein said means for reserving a range of

2 specific port numbers further comprises means for increasing the priority value of

3 said call to seven.

1 13. The module of claim 9 further comprising means for transmitting the call

2 to a 911 operator.

1 14. The module of claim 9 further comprising means for transmitting the call

2 to a fire department.

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1 15.   The module of claim 9 further comprising means for transmitting the call
2 to an ambulance.

1 16.   The module of claim 9 further comprising means for transmitting the call
2 to a police department.

1 17.   In a virtual local area network (VLAN), a program product for handling
2 emergency voice over internet protocol (VoIP) calls comprising:
3   logic means for reserving a range of specific port numbers for use during
4 emergencies;
5   logic means for transmitting an emergency call within the VLAN using a port
6 number in said range; and
7   logic means for reserving extra resources for handling the call once it
8 determines the port number falls within said range.

1 18.   The program product of claim 17 wherein said logic means for reserving a
2 range of specific port numbers reserves port numbers greater than 20,000.

1 19.   The program product of claim 17 wherein said logic means for reserving a
2 range of specific port numbers further comprises logic means for increasing the
3 priority value of said call.

1 20.   The program product of claim 17 wherein said logic means for reserving a
2 range of specific port numbers further comprises logic means for increasing the
3 priority value of said call to seven.

1 21.   The program product of claim 17 further comprising logic means for
2 transmitting the call to a 911 operator.

1   22.   The program product of claim 17 further comprising logic means for
2   transmitting the call to a fire department.

1   23. The program product of claim 17 further comprising logic means for transmitting
2   the call to an ambulance.

1   24.   The program product of claim 17 further comprising logic means for
2   transmitting the call to a police department.